

REMARKS

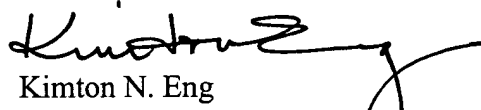
Claims 2, 4-7, 9, 11-13, 15, 17, 19-22, 24, 26, 27, 29-36, and 38-43 are pending in the present application.

In the office action mailed June 17, 2004 (the "Office Action"), claims 9, 2, 3, 5-7, 17, and 24 were rejected under 35 U.S.C. 103(a) as being unpatentable over U.S. Patent No. 5,953,015 to Choi (the "Choi patent"). Claims 4, 11-13, 15, and 19-22 were rejected under 35 U.S.C. 103(a) as being unpatentable over the Choi patent in view of National Semiconductor, "Easy Logarithms for COP400" (the "NS reference"). Claims 26, 27, 30, 32-36, and 39-43 were rejected under 35 U.S.C. 103(a) as being unpatentable over the Choi patent in view of U.S. Patent No. 6,292,191 to Vaswani et al. (the "Vaswani patent"). Claims 29 and 38 were rejected under 35 U.S.C. 103(a) as being unpatentable over the Choi patent in view of the Vaswani patent and further in view of the NS reference.

Claims 9, 15, 24, 26, and 35 have been amended to overcome the Examiner's rejection of the claims under 35 U.S.C. 103(a). The remarks made in the previously filed responses are maintained regarding the rejection of the claims based on the Choi patent, the NS reference, and the Vaswani patent, and are incorporated herein by reference.

All of the claims pending in the present application are in condition for allowance. Favorable consideration and a Notice of Allowance are earnestly solicited.

Respectfully submitted,
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Enclosures:

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Fee Transmittal Sheet (+ copy)

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